

CLAIMS

1. An image projector assembly including:
a mountable image projection device;
a docking station adapted for mounting said device wherein said device includes
5 an image generating apparatus and a light source to project through said
apparatus to thereby provide for an image and wherein said docking station
includes a signal generating apparatus to provide a signal to the image generating
apparatus representative of a visual image.
2. An image projector assembly as in claim 1 wherein said docking station further
10 includes an audio reproducing means.
3. An image projector assembly as in claim 1 or claim 2 wherein said projection
device includes a plurality of male mating members adapted to engage
correspondingly shaped female mating members on said docking station.
4. An image projector assembly as in any one of the above claims wherein said
15 docking station provides power to said projection device.
5. An image projector assembly as in any one of the above claims wherein said
docking station includes a selection means to select the Voltage input used by the
projector, said choice depending on the voltage provided by the docking station.
6. An image projector assembly as in any one of the above claims wherein said
20 projection device includes a liquid crystal display and a lamp, said lamp
transmitting light through the liquid crystal display for illuminating a surface.
7. An image projector assembly including:
a docking station having a housing, a power output source, and an output
communication port;
25 a decouplable projection device adapted to dock with said docking station and
including a housing having an input power source adapted to engage said power
output source and an input communication port adapted to engage said output
communication port.
8. An image projector assembly as in any one of the above claims wherein said
30 assembly further includes at least two docking stations.
9. An image projector assembly as in any one of the above claims wherein said
assembly further includes a global positioning system.

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10. An image projector assembly as in any one of the above claims wherein said projection device includes an image manipulation means that can change the parameters of the image including but not limited to reversing the image, mirroring the image and rotating the image whereby the user can select what image is to be projected depending on whether the assembly is a front or rear projection type assembly.
 11. An image projector assembly as in any one of the above claims herein said assembly includes at least one pivotable docking station.